PRODUCT COMPONENT TEMPLATE

DEFINITION

Name	Fortran
Description	Fortran is a programming language developed for applications involving mathematical computations and other manipulation of numeric data. It is especially well suited to scientific and engineering applications.
Rationale	Used for Ad-Hoc Reports, Production Reports, and difficult Reporting needs. Also used for Statistical Analysis of Data.
Benefits	Benefits are: ▪ High-performance capabilities-Vector support. Parallel support ▪ Highly optimizing compiler ▪ Programming aids ▪ Debugging aids ▪ Use of dynamically dimensioned arrays ▪ Storage allocation statements to offer users flexibility in handling storage usage ▪ File access: sequential, direct, and keyed ▪ Built in a great number of predefined functions and subroutines ▪ Built in mathematical and bit manipulation routines

ASSOCIATED ARCHITECTURE LEVELS

Specify the Domain Name	Application
Specify the Discipline Name	Development Tools
Specify the name of the associated Technology Area	Mainframe

KEYWORDS

List Keywords	Mathematical Calculations, Statistical Analysis, Ad-Hoc

VENDOR INFORMATION

Vendor Name	IBM	*Website*	www.IBM.com
Contact Information			

POTENTIAL COMPLIANCE SOURCES

Name		*Website*	
Contact Information			
Name		*Website*	
Contact Information			

COMPONENT REVIEW

List Desirable aspects	▪ Short Command Lines		
List Undesirable aspects			
Operating System		*Platform*	

ASSOCIATED COMPLIANCE COMPONENTS

Product

List the Product-specific Compliance Component Names	

Configuration Links

List the Configuration-specific Compliance Component Names	

COMPONENT CLASSIFICATION

Provide the Classification	☐ *Emerging* ☐ *Current* ☐ *Twilight* ☒ *Sunset*
Sunset Date	3/15/05

COMPONENT SUB-CLASSIFICATION

Sub-Classification	Date	Additional Sub-Classification Information
☐ *Technology Watch*		
☐ *Variance*		
☐ *Conditional Use*		

RATIONALE FOR COMPONENT CLASSIFICATION

Document the Rationale for Component Classification	No state agency uses Fortran.

MIGRATION STRATEGY

Document the Migration Strategy	

IMPACT POSITION STATEMENT

Document the Position Statement on Impact	

AGENCIES

List the Agencies Currently Utilizing this Product	

CURRENT STATUS

Provide the Current Status	☐ *In Development* ☒ *Under Review* ☐ *Approved* ☐ *Rejected*

AUDIT TRAIL

Creation Date	3-15-05	*Date Approved / Rejected*	
Reason for Rejection			
Last Date Reviewed		*Last Date Updated*	
Reason for Update			